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(54) Title: WILDLIFE DETECTION AND DETERRENT SYSTEM AND METHOD FOR ENVIRONMENTAL INSTRUMENTATION

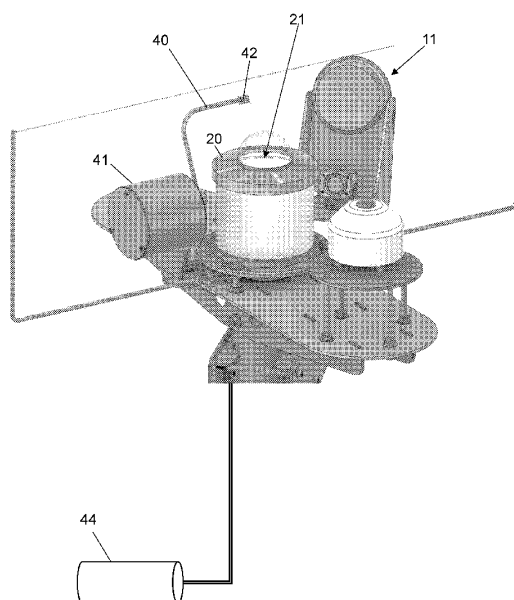


Figure 4

(57) Abstract: Disclosed herein is a deterrence system for deterring animals from a vicinity of an environment monitoring apparatus, the system comprising: a detector system comprising at least one sensor configured to generate a presence signal indicative of the presence of an object within a predefined vicinity of the environment monitoring apparatus; a deterrence processing system; and a repulsion system, wherein the deterrence processing system is configured to: monitor the presence signal; determine, from the presence signal, the presence of an object within the predefined vicinity of the environment monitoring apparatus; and communicate a command for the repulsion system to perform a sequence of one or more repulsion events actions in response to determining that an object is present, and wherein the repulsion system is configured to: perform one or more repulsion events responsive to receipt of the command from the deterrence processing system. Also disclosed is a solar farm employing said deterrence system. Further disclosed are a deterrence method for deterring animals from a vicinity of an environment monitoring apparatus. Additionally, disclosed are a self-cleaning system and method for cleaning an environment monitoring apparatus.

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